If a warning light turns on or a warning buzzer sounds...

Calmly perform the following actions if any of the warning lights turn on or flash. If a light turns on or flashes, but then turns off, this does not necessarily indicate a malfunction in the system.

Stop the vehicle immediately. Continuing to drive the vehicle may be dangerous.

The following warning indicates a possible problem in the brake system. Immediately stop the vehicle in a safe place and contact your Lexus dealer.

Warning light	Warning light/Details
 (U.S.A.)  (Canada)	**Brake system warning light (red indicator)** • Low brake fluid • Malfunction in the electronically controlled brake system

Stop the vehicle immediately.

The following warning indicates the possibility of damage to the vehicle that may lead to an accident. Immediately stop the vehicle in a safe place and contact your Lexus dealer.

Warning light	Warning light/Details
	**Charging system warning light** Indicates a malfunction in the vehicle's charging system

Have the vehicle inspected by your Lexus dealer immediately.

Failing to investigate the cause of the following warnings may lead to the system operating abnormally and possibly cause an accident. Have the vehicle inspected by your Lexus dealer immediately.

Warning light	Warning light/Details
 (U.S.A.)  (Canada)	**Malfunction indicator lamp** Indicates a malfunction in: • The electronic engine control system; • The electronic throttle control system; or • The electronic automatic transmission control system
	**SRS warning light** Indicates a malfunction in: • The SRS airbag system; or • The seat belt pretensioner system
 (U.S.A.)  (Canada)	**ABS warning light** Indicates a malfunction in: • The ABS; or • The brake assist system
	**Brake system warning light (yellow indicator)** Indicates a malfunction in: • The electronically controlled brake system; or • The electric parking brake
	**Electric power steering system warning light** • Indicates a malfunction in the EPS (Electric Power Steering) system
	**Pre-collision system warning light (if equipped)** • Indicates a malfunction in the pre-collision system

■ **If the malfunction indicator lamp comes on while driving**

First check the following:

- Is the fuel empty?
  If it is, fill the fuel tank immediately.
- Is the fuel tank cap loose?
  If it is, tighten it securely.

The lamp will go off after taking several driving trips.
If the light does not go off even after several trips, contact your Lexus dealer as soon as possible.

■ **Electric power steering warning light**

When the battery is low or when the voltage drops temporarily, the electric power steering warning light may come on.

CAUTION

■ **When the electric power steering warning light comes on**

The steering wheel may become extremely heavy.
If the steering wheel becomes heavier than usual when operating, firmly hold and operate it using more force than usual.

Have the malfunction repaired immediately.

After taking the specified steps to correct the suspected problem, check that the warning light turns off.

Warning light	Warning light/Details	Correction procedure
	**Open door warning light (warning buzzer)*1** Indicates that a door or the trunk is not fully closed.	Check that all doors and the trunk are closed.

Warning light	Warning light/Details	Correction procedure
 In the fuel gauge	**Low fuel level warning light** Remaining fuel (Approximately 3.4 gal. [13L, 2.8 Imp.gal.] or less)	Refuel the vehicle.
	**Driver's seat belt reminder light (warning buzzer)*2** Warns the driver to fasten his/her seat belt.	Fasten the seat belt.
	**Front passenger's seat belt reminder light (warning buzzer)*2** Warns the front passenger to fasten his/her seat belt.	Fasten the seat belt.
	**Tire pressure warning light**	
	When the light comes on: Low tire inflation pressure.	Adjust the tire inflation pressure.
	When the light comes on after blinking for 1 minute: Malfunction in the tire pressure warning system.	Have the system checked by your Lexus dealer.
	**Master warning light** A buzzer sounds and the warning light comes on or flashes to indicate that the master warning system has detected a malfunction.	→P. 639

*1: Open door warning buzzer:

The open door warning buzzer sounds to alert one or more of the doors is not fully closed (with the vehicle having reached a speed of 3 mph [5 km/h]).

*2: Driver's and front passenger's seat belt reminders buzzer:

The driver's and front passenger's seat belt reminders sound to alert the driver and front passenger that his or her seat belt is not fastened. The buzzer sounds intermittently for 10 seconds after the vehicle has reached a speed of at least 12 mph (20 km/h). Then, if the seat belt is still unfastened, the buzzer will sound in a different tone for 20 more seconds.

Front passenger detection sensor and passenger seat belt reminder

- If luggage is placed on the front passenger seat, the front passenger detection sensor may cause the warning light to flash, even if a passenger is not sitting in the seat.
- If a cushion is placed on the seat, the sensor may not detect a passenger, and the warning light may not operate properly.

When the tire pressure warning light comes on

Check the tire inflation pressure and adjust to the appropriate level. Pushing the tire pressure warning reset switch does not turn off the tire pressure warning light.

The tire pressure warning light may turn on due to natural causes

The tire pressure warning light may turn on due to natural causes such as natural air leaks or tire inflation pressure changes caused by temperature. In this case, adjusting the tire inflation pressure will turn off the warning light (after a few minutes).

When a tires is replaced with a spare tire

The spare tire is also equipped with the tire pressure warning valve and transmitter. The tire pressure warning light will turn on if the tire inflation pressure of the spare tire is low. If a tire goes flat, even though the flat tire is replaced with the spare tire, the tire pressure warning light does not turn off. Replace the spare tire with the repaired tire and adjust the proper tire inflation pressure. The tire pressure warning light will turn off after a few minutes.

If the tire pressure warning system is inoperative

The tire pressure warning system will be disabled in the following conditions:

(When the condition becomes normal, the system will work properly.)

- If tires not equipped with tire pressure warning valves and transmitters are used.
- If the ID code on the tire pressure warning valves and transmitters is not registered in the tire pressure warning computer.
- If the tire inflation pressure is 73 psi (500 kPa, 5.1 kgf/cm^2 or bar) or higher.

The tire pressure warning system may be disabled in the following conditions:

(When the condition becomes normal, the system will work properly.)

- If electronic devices or facilities using similar radio wave frequencies are nearby.
- If a radio set at similar frequencies is in use in the vehicle.
- If a window tint that affects the radio wave signals is installed.
- If there is a lot of snow or ice on the vehicle, in particular around the wheels or wheel housings.
- If non-genuine Lexus wheels are used. (Even if you use Lexus wheels, the tire pressure warning system may not work properly with some types of tires.)
- If tire chains are used.
- If the spare tire is in a location subject to poor radio wave signal reception.
- If a large metallic object which can interfere with signal reception is put in the trunk.

If the tire pressure warning light comes on after blinking for 1 minute frequently

If the tire pressure warning light comes on after blinking for 1 minute frequently when the “ENGINE START STOP” switch is turned to IGNITION ON mode, have it checked by your Lexus dealer.

Customization that can be configured at Lexus dealer

The vehicle speed linked seat belt reminder buzzer can be disabled. (Customizable features →P. 692)

CAUTION

If the tire pressure warning light comes on

Be sure to observe the following precautions. Failure to do so could cause loss of vehicle control and result in death or serious injury.

- Stop your vehicle in a safe place as soon as possible. Adjust the tire inflation pressure immediately.
- If the tire pressure warning light comes on even after tire inflation pressure adjustment, it is probable that you have a flat tire. Check the tires. If the tire is flat, change to the spare tire and have the flat tire repaired by the nearest Lexus dealer.
- Avoid abrupt maneuvering and braking. If the vehicle tires deteriorate, you could lose control of the steering wheel or the brakes.

If a blowout or sudden air leakage should occur

The tire pressure warning system may not activate immediately.

CAUTION

■ **Maintenance of the tires**

Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label (tire and load information label). (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label [tire and load information label], you should determine the proper tire inflation pressure for those tires.)

As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS-tire pressure warning system) that illuminates a low tire pressure telltale (tire pressure warning light) when one or more of your tires is significantly under-inflated. Accordingly, when the low tire pressure telltale (tire pressure warning light) illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS (tire pressure warning system) is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale (tire pressure warning light).

Your vehicle has also been equipped with a TPMS (tire pressure warning system) malfunction indicator to indicate when the system is not operating properly. The TPMS (tire pressure warning system) malfunction indicator is combined with the low tire pressure telltale (tire pressure warning light). When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended.

TPMS (tire pressure warning system) malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS (tire pressure warning system) from functioning properly. Always check the TPMS (tire pressure warning system) malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS (tire pressure warning system) to continue to function properly.

NOTICE

- **Precaution when installing a different tire**

  When a tire of a different specification or maker is installed, the tire pressure warning system may not operate properly.

If a warning message is displayed

The multi-information display shows warnings of system malfunctions, incorrectly performed operations, or shows messages that indicate a need for maintenance. When a message is shown, perform the correction procedure appropriate to the message.



1 Master warning light

The master warning light comes on or flashes when a message is being shown on the multi-information display.

2 Multi-information display

If any of the warning messages is shown again after its correction procedure has been performed, contact your Lexus dealer.

Messages and warnings

The warning lights and warning buzzers operate as follows depending on the content of the message. If a message indicates the need for inspection by a dealer, have the vehicle inspected by your Lexus dealer immediately.

	System warning light	Warning buzzer*	Warning
Comes on	—	Sounds	Indicates an important situation, such as when a system related to driving is malfunctioning or that danger may result if the correction procedure is not performed
—	Comes on or flashes	Sounds	Indicates an important situation, such as when the system shown on the multi-information display may be malfunctioning
Flashes	—	Sounds	Indicates a situation, such as when damage to the vehicle or danger may result
Comes on	—	Does not sound	Indicates a condition, such as malfunction of electrical components, their condition, or indicates the need for maintenance
Flashes	—	Does not sound	Indicates a situation, such as when an operation has been performed incorrectly, or indicates how to perform an operation correctly

*: A buzzer sounds the first time a message is shown on the multi-information display.

System warning lights

The master warning light does not come on or flash in the following cases. Instead, a separate system warning light will come on or flash along with the message shown on the multi-information display.

- Malfunction of the AFS (Adaptive Front Lighting System)
  The "AFS OFF" indicator light flashes. (→P. 173)
- Malfunction of the brake system
  The brake system warning light (red indicator) comes on. (→P. 630)
- Malfunction of the electronically controlled brake system or electric parking brake
  The brake system warning light (yellow indicator) comes on. (→P. 631)
- Malfunction of the ABS
  The ABS warning light comes on. (→P. 631)
- Malfunction of the charging system
  The charging system warning light comes on. (→P. 630)
- High engine coolant temperature
  The needle of the engine coolant temperature gauge enters the red zone. (→P. 161)

When "Electrical equipment operation is limited" is shown

This message indicates that the battery is low. When the message is shown, operation of electrical equipment that uses a large amount of electric power, such as the air conditioning system, may be limited temporarily. This does not indicate a malfunction. Operation of electrical equipment will be restored after the battery is charged.

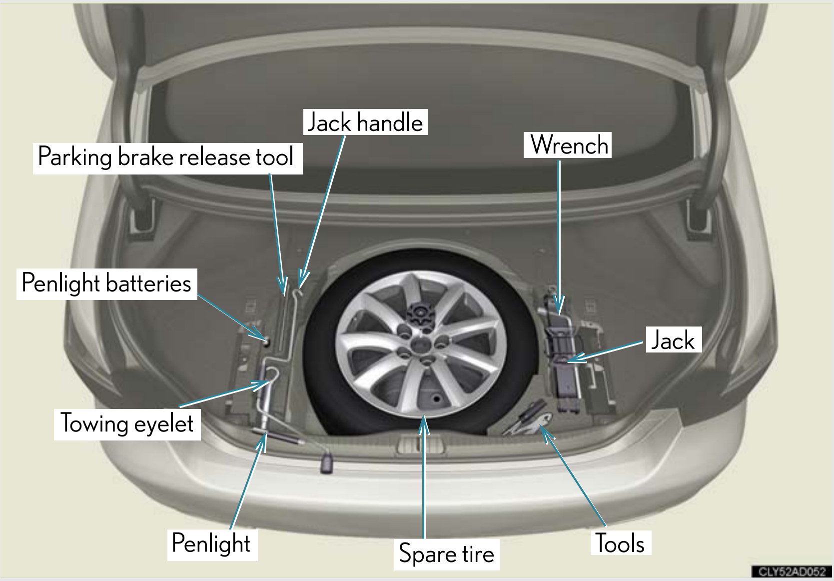
If you have a flat tire

Remove the flat tire and replace it with the spare provided.

Before jacking up the vehicle

- Stop the vehicle on a hard, flat surface.
- Set the parking brake.
- Shift the shift lever to “P”.
- Stop the engine.
- Turn on the emergency flashers.

Location of the spare tire, jack and tools



Penlight

The vehicle is equipped with a penlight, located inside the trunk. The penlight is provided in case it is necessary to perform an unexpected service operation at night, such as installation of the spare tire.



1. Turn the top portion to remove it.
2. Insert batteries.
3. Install the top portion.
4. On/off

Taking out the jack and spare tire



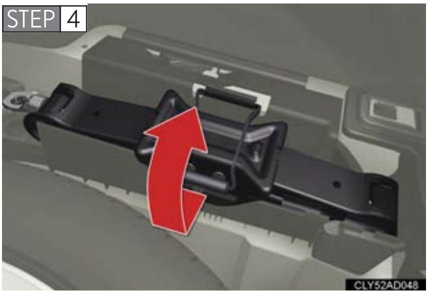
Lift up the hook of the panel on the trunk floor.



Secure the panel using the hook provided.



Remove the tool tray.



Remove the jack after removing the hook.

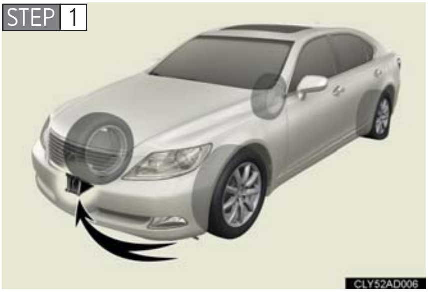


Loosen the center fastener that secures the spare tire.

If the center fastener cannot be turned by hand, use the wrench that is stored in the trunk. (To secure the tire, tighten the center fastener by hand. Do not use the wrench or other tools.)

Replacing a flat tire

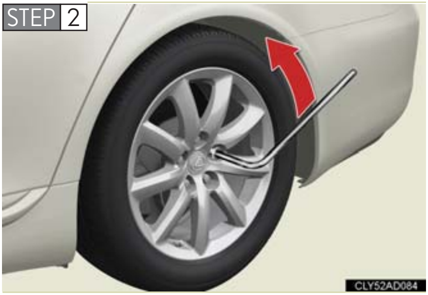
STEP 1



Chock the tires.

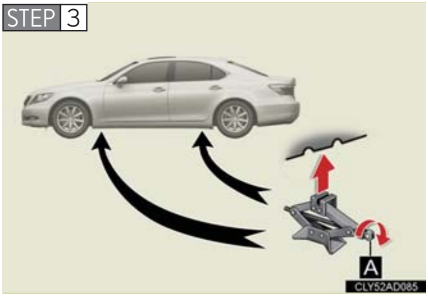
Flat tire		Wheel chock positions
Front	Left-hand side	Behind the rear right-hand side tire
	Right-hand side	Behind the rear left-hand side tire
Rear	Left-hand side	In front of the front right-hand side tire
	Right-hand side	In front of the front left-hand side tire

STEP 2



Slightly loosen the wheel nuts (one turn).

STEP 3



Turn the tire jack portion "A" by hand until the notch of the jack is in contact with the jack point.



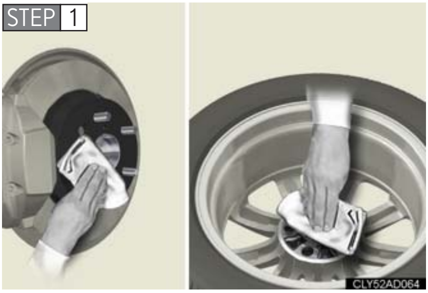
Raise the vehicle until the tire is slightly raised off the ground.



Remove all the wheel nuts and the tire.

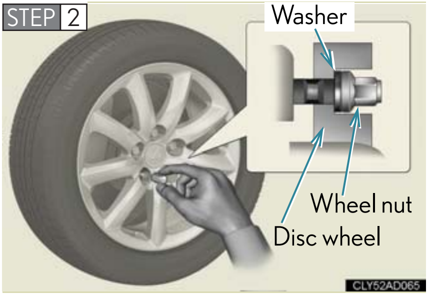
When resting the tire on the ground, place the tire so that the wheel design faces up to avoid scratching the wheel surface.

Installing the spare tire



Remove any dirt or foreign matter from the wheel contact surface.

If foreign matter is on the wheel contact surface, the wheel nuts may loosen while the vehicle is in motion, and the tire may come off the vehicle.

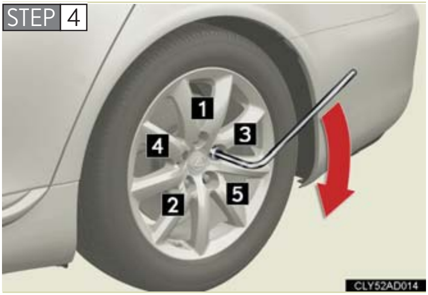


Install the spare tire and loosely tighten each wheel nut by hand to approximately the same amount.

Turn the lug nuts until the washers come into contact with the wheel.



Lower the vehicle.



Firmly tighten each nut two or three times in the order shown in the illustration.

Tightening torque:
103.3 ft•lbf (140 N•m, 14.3 kgf•m)

STEP 5 Stow the flat tire, tire jack and all tools.

After completing the tire change

The tire pressure warning system must be reset. (→P. 571)

⚠ CAUTION

Using the tire jack

Improper use of the tire jack may lead to death or injuries due to the vehicle suddenly falling off the jack.

- Do not use the tire jack for any purpose other than replacing tires or installing and removing tire chains.
- Only use the tire jack that comes with this vehicle for replacing a flat tire.
  Do not use it on other vehicles, and do not use other tire jacks for replacing tires on this vehicle.
- Always check that the tire jack is securely set to the jack point.
- Do not put any part of your body under the vehicle supported by a jack.
- Do not start or run the engine while your vehicle is supported by the jack.
- Do not raise the vehicle while someone is in it.
- When raising the vehicle, do not put an object on or under the jack.
- Do not raise the vehicle to a height greater than that required to replace the tire.
- Use a jack stand if it is necessary to get under the vehicle.
- Vehicles with electronically modulated air suspension: Be sure to turn off the height control and stop the engine.

Take particular care when lowering the vehicle to ensure that no one working on or near the vehicle may be injured.

CAUTION

- **Replacing a flat tire**

  Observe the following precautions to reduce the risk of death or serious injury:

  - Never use oil or grease on the wheel bolts or wheel nuts.
    The oil or grease can cause the wheel nuts to loosen, causing a serious accident. Remove any oil or grease on the wheel bolts or wheel nuts.
  - Have the wheel nuts tightened with a torque wrench to 103.3 ft•lbf (140 N•m, 14.3 kgf•m) as soon as possible after changing wheels.
    Failure to follow these precautions could cause the nuts to loosen and the wheel may fall off, which could lead to an accident causing death or serious injury.

NOTICE

- **Do not drive the vehicle with a flat tire.**

  Do not continue driving with a flat tire.
  Driving even a short distance with a flat tire can damage the tire and the wheel beyond repair.

- **When replacing the tires**

  When removing or fitting the wheels, tires or the tire pressure warning valve and transmitter, contact your Lexus dealer as the tire pressure warning valve and transmitter may be damaged if not handled correctly.

- **To avoid damaging the tire pressure warning valves and transmitters**

  Do not use liquid sealants on flat tires.

If the engine will not start

If the engine will not start, even though correct starting procedures are being followed (→P. 146), consider each of the following points.

■ The engine will not start, even when the starter motor operates normally.

One of the following may be the cause of the problem:

- There may not be sufficient fuel in the vehicle's tank.
  Refuel the vehicle.
- The engine may be flooded.
  Try to restart the engine once more following correct starting procedures. (→P. 146)
- There may be a malfunction in the engine immobilizer system. (→P. 97)

■ The starter motor turns over slowly, the interior lights and headlights are dim, or the horn does not sound or sounds at a low volume.

One of the following may be the cause of the problem:

- The battery may be discharged. (→P. 660)
- The battery terminal connections may be loose or corroded.

■ The starter motor does not turn over.

The following may be the cause of the problem:

- The engine starting system may be malfunctioning due to an electrical problem such as an open circuit or a blown fuse. However, an interim measure is available to start the engine. (→P. 651)

The starter motor does not turn over, the interior lights and headlights do not turn on, or the horn does not sound.

One of the following may be the cause of the problem:

- One or both of the battery terminals may be disconnected.
- The battery may be discharged. (→P. 660)
- There may be a malfunction in the steering lock system.

Contact your Lexus dealer if the problem cannot be repaired, or if repair procedures are unknown.

Emergency start function

When the engine does not start, the following steps can be used as an interim measure to start the engine if the "ENGINE START STOP" switch is functioning normally:

STEP 1 Set the parking brake.

STEP 2 Put the shift lever in "P".

STEP 3 Set the "ENGINE START STOP" switch to ACCESSORY mode.

STEP 4 Press and hold the "ENGINE START STOP" switch about 15 seconds while depressing the brake pedal firmly.

Even if the engine can be started using the above steps, the system may be malfunctioning. Have the vehicle checked by your Lexus dealer.

If the shift lever cannot be shifted from “P”

If the shift lever cannot be shifted with your foot on the brake pedal, there may be a problem with the shift lock system (a system to prevent accidental operation of the shift lever). Have the vehicle inspected by your Lexus dealer immediately.

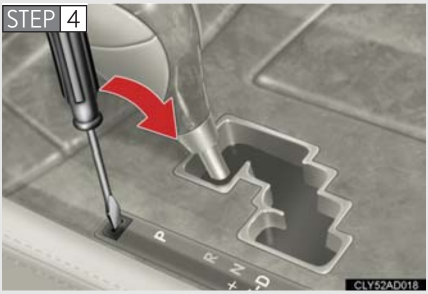
The following steps may be used as an emergency measure to ensure that the shift lever can be shifted:

STEP 1 Set the parking brake.

STEP 2 Turn the “ENGINE START STOP” switch to the ACCESSORY mode.

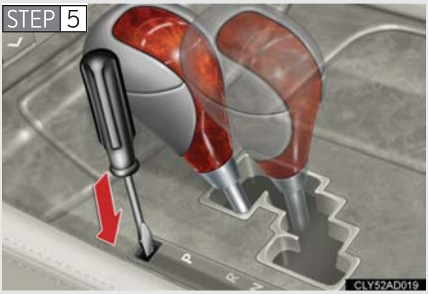
STEP 3 Depress the brake pedal.

STEP 4



Pry the cover up with a flathead screwdriver or equivalent.

STEP 5



Press the shift lock override button.

The shift lever can be shifted while the button is pressed.

If the parking brake cannot be released

In the event that the battery is discharged or switch operation does not release the parking brake, the parking brake can be released manually using the procedure below. This procedure should be performed only if necessary, such as in an emergency.

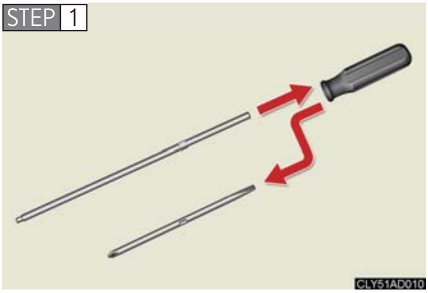
If the switch cannot be operated even when the battery is normal, the parking brake system may be malfunctioning. Have the vehicle inspected by your Lexus dealer immediately.

Before releasing the parking brake manually

- Shift the shift lever to “P”.
- Turn the “ENGINE START STOP” switch OFF.
- Check that the parking brake indicator is off.
- Chock the tires.

Releasing the parking brake manually

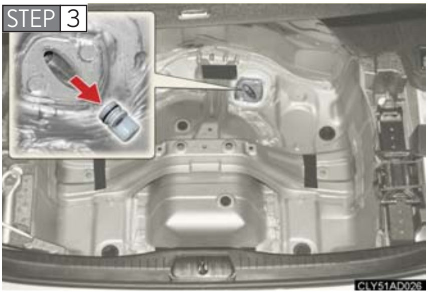
STEP 1



Take out the parking brake release tool and the screwdriver from the trunk. (→P. 642)

Install the parking brake release tool into the screwdriver handle.

STEP 2 Take out the spare tire. (→P. 642)



Remove the plug.



Insert the tool and press it down firmly while turning it counter-clockwise until it stops.

Manual operation of the parking brake

The parking brake cannot be set manually.

⚠ CAUTION

When releasing the parking brake manually

- Shift the shift lever to "P", turn the "ENGINE START STOP" switch OFF and chock the tires.
  Failure to do so may cause the vehicle to move, resulting in an accident.
- Turn the "ENGINE START STOP" switch OFF and check that the parking brake indicator is off.
  Failure to do so may cause the system to operate and turn the parking brake release tool that is inserted, resulting in an injury.

If you lose your keys

New genuine Lexus keys can be made by your Lexus dealer using one of the other keys and the key number stamped on your key number plate.

If the electronic key does not operate properly

If communication between the electronic key and vehicle is interrupted (→P. 37) or the electronic key cannot be used because the battery is depleted, the smart access system with push-button start and wireless remote control cannot be used. In such cases, the doors and trunk can be opened or the engine can be started by following the procedure below.

Locking and unlocking the doors, unlocking the trunk and key linked functions

▶ Doors



Remove the cover on the driver's door handle using the mechanical key in order to perform the following operations.

1 Locks all doors

2 Closes the windows (turn and hold)

The moon roof will also close. (if equipped)

3 Unlocks the door

Turning the key rearward unlocks the driver's door. Turning the key once again unlocks the other doors.

4 Opens the windows (turn and hold)

The moon roof will also open. (if equipped)

Return the cover to the original position after use.

▶ Trunk



Turn the mechanical key clockwise to open.

Changing "ENGINE START STOP" switch modes and starting the engine

STEP 1 Ensure that the shift lever is in "P" and apply the brakes.

STEP 2



Touch the Lexus emblem side of the electronic key to the "ENGINE START STOP" switch.

If any of the doors is opened or closed after the key was touched to the switch to start the vehicle, an alarm will sound to indicate that the start function cannot detect the key.



STEP 3 To change "ENGINE START STOP" switch modes: Within 5 seconds of the buzzer sounding, release the brake pedal and press the "ENGINE START STOP" switch. Modes can be changed each time the switch is pressed. (→P. 147)

To start the engine: Press the "ENGINE START STOP" switch within 10 seconds [after the buzzer sounds], keeping the brake pedal depressed.

In the event that the engine still cannot be started, contact your Lexus dealer.

■ **Stopping the engine**

Shift the shift lever to P and press the "ENGINE START STOP" switch as you normally do when stopping the engine.

■ **Replacing the key battery**

As the above procedure is a temporary measure, it is recommended that the electronic key battery be replaced immediately when the battery depletes. (→P. 587)

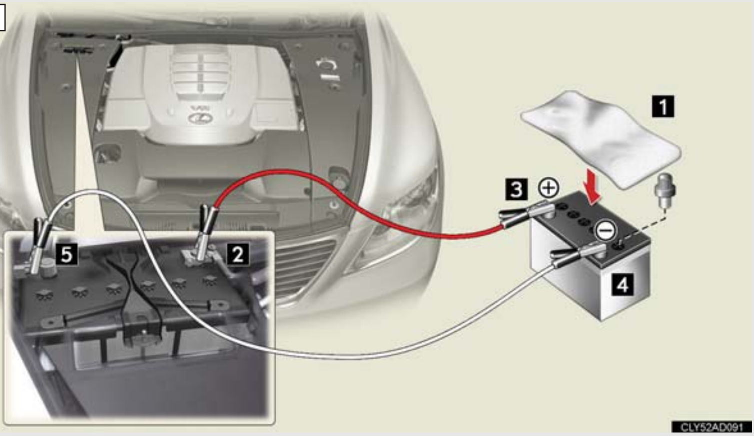
If the vehicle battery is discharged

The following procedures may be used to start the engine if the vehicle's battery is discharged.
You can call your Lexus dealer or qualified repair shop.

If you have a set of jumper (or booster) cables and a second vehicle with a 12-volt battery, you can jump start your Lexus following the steps below.

STEP 1 Remove the engine compartment covers and battery cover. (→P. 555)

STEP 2



Connect the jumper cables.

1. If required, remove all vent plugs from the booster battery. Lay a cloth over the open vents on the booster battery. (This helps reduce explosion hazard, personal injuries and burns.)
2. Positive (+) battery terminal on your vehicle
3. Positive (+) battery terminal on the second vehicle
4. Negative (-) battery terminal on the second vehicle
5. Connect the jumper cable to ground on your vehicle as shown in the illustration.

STEP 3 Start the engine of the second vehicle. Increase the engine speed slightly and maintain that level for approximately 5 minutes to recharge the battery of your vehicle.

STEP 4 Open and close any of the doors with the “ENGINE START STOP” switch OFF.

STEP 5 Maintain the engine speed of the second vehicle and turn the ignition switch to IGNITION ON mode, then start the engine.

STEP 6 Once the engine has started, remove the jumper cables in the exact reverse order in which they were connected.

Once the engine starts, have the vehicle inspected at your Lexus dealer as soon as possible.

Starting the engine when the battery is discharged

The engine cannot be started by push-starting.

Avoiding a discharged battery

- Turn off the headlights and the audio system while the engine is turned off.
- Turn off any unnecessary electrical components when the vehicle is running at a low speed for an extended period, such as in heavy traffic.

When the battery is removed or discharged

The tire pressure warning system must be initialized.
(→P. 571)

CAUTION

- **Avoiding battery fires or explosions**

Observe the following precautions to prevent accidentally igniting the flammable gas that may be emitted from the battery:

- Make sure the jumper cable is connected to the correct terminal and that it is not unintentionally in contact with any part other than the intended terminal.
- Do not allow the jumper cables to come into contact with the "+" and "-" terminals.
- Do not allow open flame or use matches, cigarette lighters or smoke near the battery.

- **Battery precautions**

The battery contains poisonous and corrosive acidic electrolyte, while related parts contain lead and lead compounds. Observe the following precautions when handling the battery:

- When working with the battery, always wear safety glasses and take care not to allow any battery fluids (acid) to come into contact with skin, clothing or the vehicle body.
- Do not lean over the battery.
- In the event that battery fluid comes into contact with the skin or eyes, immediately wash the affected area with water and seek medical attention.
  Place a wet sponge or cloth over the affected area until medical attention can be received.
- Always wash your hands after handling the battery support, terminals, and other battery-related parts.
- Do not allow children near the battery.

NOTICE

- **When handling jumper cables**

Be careful that the jumper cables do not become tangled in the cooling fan or belt when connecting or disconnecting the cables.

If your vehicle overheats

If your engine overheats:

STEP 1 Stop the vehicle in a safe place and turn off the air conditioning system.

STEP 2 Check to see if steam is coming out from the engine area.

If you see steam:

Stop the engine and carefully lift the hood.

If you do not see steam:

Leave the engine running and carefully lift the hood.

STEP 3 Remove the engine compartment cover. (→P. 555)

STEP 4 Check if the cooling fan is operating.

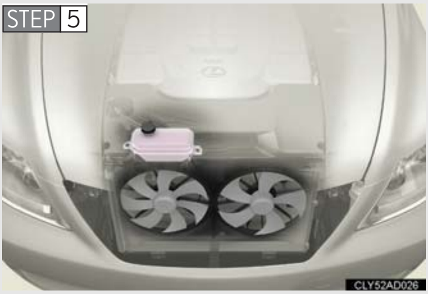
If the fans are operating:

Wait until the temperature of the engine (shown on the instrument cluster) begins to fall and then stop the engine.

If the fans are not operating:

Stop the engine immediately and call your local Lexus dealer.

STEP 5



After the engine has cooled down, check the engine coolant level and inspect the cooling system for leaks.

STEP 6



Add engine coolant if necessary.

Water can be used in an emergency if engine coolant is unavailable. (→P. 672)

Have the vehicle inspected at your nearest Lexus dealer as soon as possible.

Overheating

The following symptoms may occur when your vehicle is overheating:

- The engine coolant temperature gauge enters the red zone or a loss of power is experienced.
- Steam is coming from the engine area.

CAUTION

- **To prevent an accident or injury when inspecting under the hood of your vehicle**
  - Keep hands and clothing away from the fan and other belts while the engine is running.
  - Do not loosen the coolant reservoir cap while the engine and radiator are hot. Serious injury, such as burns, may result from hot coolant and steam released under pressure.

NOTICE

- **When adding engine coolant**

  Wait until the engine has cooled down before adding engine coolant.
  When adding coolant, do so slowly. Adding cool coolant to a hot engine too quickly can cause damage to the engine.

If the vehicle becomes stuck

Carry out the following procedures if the tires spin or the vehicle becomes stuck in mud, dirt, or snow:

STEP 1 Stop the engine. Set the parking brake and put the selector lever in "P".

STEP 2 Remove the mud, snow, or sand from around the stuck tire.

STEP 3 Place wood, stones or some other material to help provide traction under the tires.

STEP 4 Restart the engine.

STEP 5 Shift the shift lever to the "D" or "R" position and carefully apply the accelerator to free the vehicle.

Turn off TRAC/VSC if these functions are hampering your attempts to free the vehicle. (→ P. 211)

CAUTION

■ **When attempting to free a stuck vehicle**

If you choose to rock the vehicle back and forth to free it, make sure the surrounding area is clear to avoid striking other vehicles, objects or persons. The vehicle may also lunge forward or lunge back suddenly as it becomes free. Use extreme caution.

■ **When shifting the shift lever**

Be careful not to shift the shift lever with the accelerator pedal depressed.
This may lead to unexpected rapid acceleration of the vehicle that may cause an accident and result in death or serious injury.

NOTICE

■ **To avoid damaging the transmission and other components**

- Avoid spinning the wheels and do not rev the engine.
- If the vehicle remains stuck after trying these procedures, the vehicle may require towing to be freed.